

IN THE CLAIMS

1. (Currently Amended) A method of monitoring the transmission of medical images on a data communications network, the method comprising the steps of:

monitoring a transaction request, said transaction relating to the delivery of medical images through a dynamically determined route on the data communication network; and

notifying an entity associated with the transaction request as to the status of the transaction request.

2. (Original) The method of claim 1, wherein the entity associated with the transaction request is a client application.

3. (Original) The method of claim 1, wherein the step of notifying comprises notifying the entity when the transaction request is delayed on the network.

4. (Original) The method of claim 1, wherein the step of notifying comprises notifying the entity of a scheduled time for delivery of the medical image.

5. (Original) The method of claim 1, wherein the step of notifying comprises notifying the entity of a change in scheduled time for delivery of the medical image.

6. (Original) The method of claim 1, wherein the step of notifying comprises notifying the entity of a delay in scheduled delivery of the medical image.

7. (Original) The method of claim 6, wherein the step of notifying comprises notifying the entity of the reason for the delay, the source of the delay, the location of the delay, and if other images can still be retrieved.

8. (Original) The method of claim 6, wherein the step of notifying comprises notifying the entity of a likely resolutions to the delay.

9. (Original) The method of claim 1, wherein the network is a first network, and wherein the step of notifying comprises sending a notification on a second network.

10. (Original) The method of claim 9, wherein the second network is separate from the first network, and wherein the notification is a data message generated on the second network.

11. (Original) The method of claim 10, wherein the data message is at least one of an e-mail, a pager message, and a voice message.

12. (Currently Amended) A medical image transport service configured to monitor the transmission of medical images on a data communications network, comprising:

a data management service, said data management service being configured to monitor the transmission of medical images through a dynamically determined route on the data communication network; and

a client interface configured to provide notifications to a client related to the status of the transmissions of medical images on the network.

13. (Original) The medical image transport service of claim 12, further comprising a network resource manager configured to interface network devices in the network to resolve delays in the network attendant to transmission of medical images on the network.